Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 14 Aug 2021 until 23:59 on Sunday 15 Aug 2021

Forecast Issued on Friday 13 Aug 2021 at 13:07

Confidence: Low for rainfall detail throughout, higher for continued unsettled theme with temperatures remaining similar to present.

Headline for Saturday 14 Aug 2021: Increasingly cloudy through Saturday, with spells of rain becoming more likely. Windy in exposure.

Mountain weather hazards on Saturday 14 Aug 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Drizzle	Cloudy	Cloudy	Cloudy	Light rain	Light rain
Precipitation probability							
10%	20%	30%	20%	20%	20%	40%	60%

Forecast for Saturday 14 Aug 2021

Weather: Clear spells during the early hours should give way to increasing cloud from the southwest towards dawn, with a little rain possible for a time. Brightest but rather cloudy during the morning, with this lifting and breaking beneath higher cloud. This trend should reverse during the afternoon, with cloud thickening and lowering once again, culminating in spells of rain into the evening. Windy throughout in exposure.

Chance of cloud free mountain/hill tops above 600m: 30% at first, improving 80% for a time as this lifts and breaks, but falling back by evening to around 500 metres.

Visibility: Perhaps moderate early and late, with an intervening period of better conditions, although moist air and rather a lot of cloud around will impair viewing distances.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Saturday 14 Aug 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/28 SW	18/25 SW	18/24 SW	19/27 W	19/27 W	15/23 W	10/14 SW	9/13 SW	11/16 SW
300	14/23 SW	12/20 SW	12/19 SW	14/21 W	13/20 W	10/16 W	5/9 W	5/9 SW	8/13 SW
Valley	9/21 SW	8/19 SW	8/18 SW	11/22 W	11/21 W	8/16 W	4/9 W	2/8 S	4/11 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/7	10/7	10/7	11/8	12/9	12/9	11/10	12/10	12/10
300	13/10	13/10	13/10	14/12	15/13	14/13	14/13	14/13	14/12
Valley	13/12	13/12	13/12	15/13	16/14	15/14	14/14	14/14	14/14
Freezing Level*	2200m	2100m	2000m	2000m	2900m	2900m	3000m	3200m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Windy throughout in exposure, perhaps most hazardous around dawn as cloud encroaches on higher ground.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 13 Aug 2021	0mm	2.2mm	2.2mm

Forecast for Sunday 15 Aug 2021

Weather: Rather damp and cloudy at first, probably giving way to a heavier spell of rain before perhaps clearing southeastwards late in the day, although there is low confidence in the precise timings. Poor visibility in light winds expected early on, improving later.

Maximum wind: Strengthening northwesterly 35mph.

Chance of cloud free mountain/hill tops above 600m: Nil improving 80% as cloud down to 300 metres lifts clear of peaks during the morning.

Visibility: Poor improving very good late on.

Temperature: **Valleys:** Plus 12 becoming plus 18 Celsius.
At 600m: Plus 13 Celsius.
Freezing level: Well above the peaks.

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